

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002395.D
 Acq On : 17 Apr 2020 13:44
 Operator : SY/MD
 Sample : L2271-03RE
 Misc : 4.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

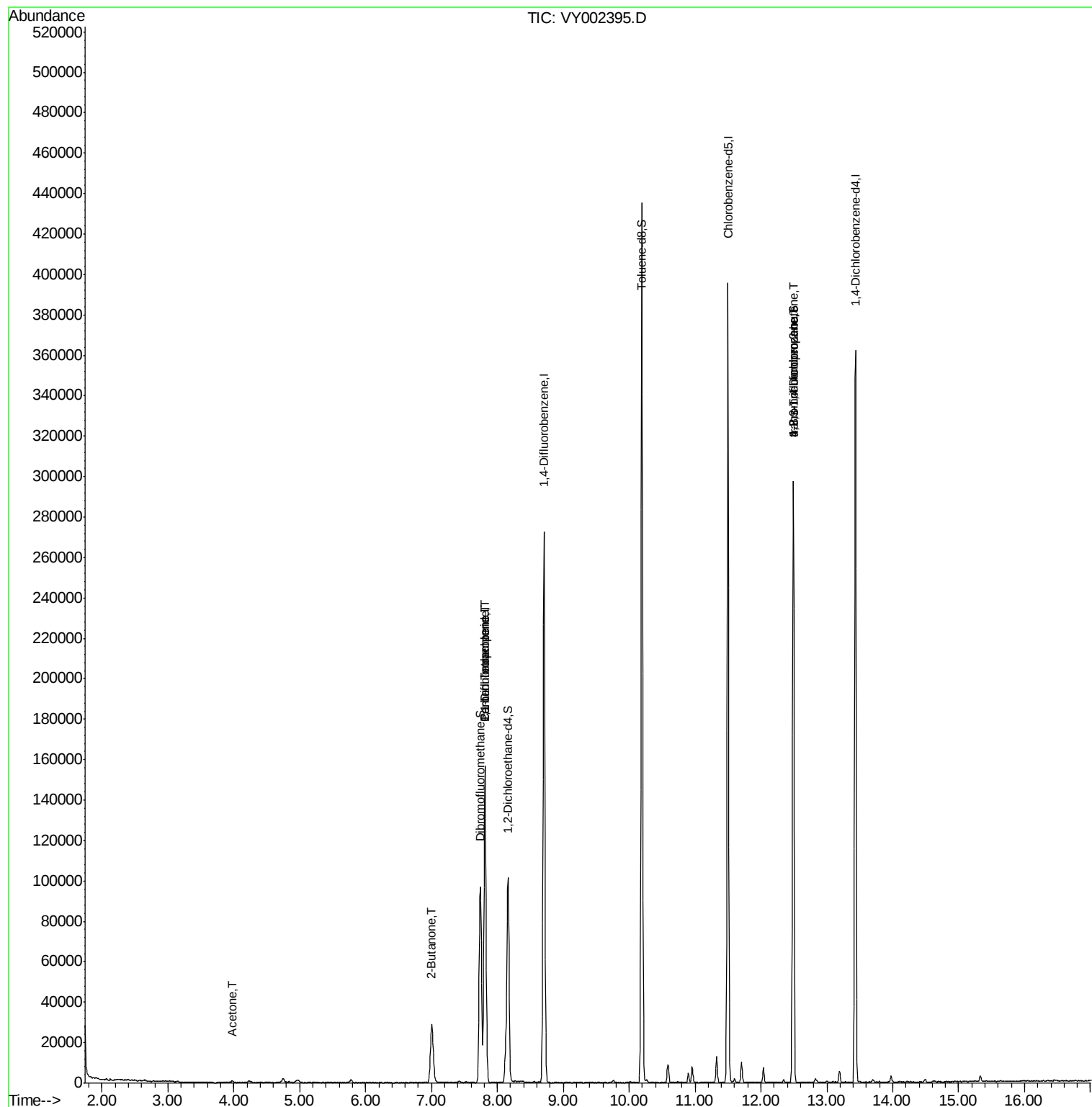
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	125781	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	247338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	66148	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	7.74	113	73324	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.19	98	297212	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.49	95	95552	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	2085	Below Cal	#	77
16) Acetone	3.97	43	1087	2.950	ug/l	93
25) 2-Butanone	7.01	43	1193	2.046	ug/l #	68
36) 1,1-Dichloropropene	7.82	75	9318	3.825	ug/l #	49
38) Carbon Tetrachloride	7.81	117	12890	6.186	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	45041	41.000	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	45041	79.744	ug/l #	19

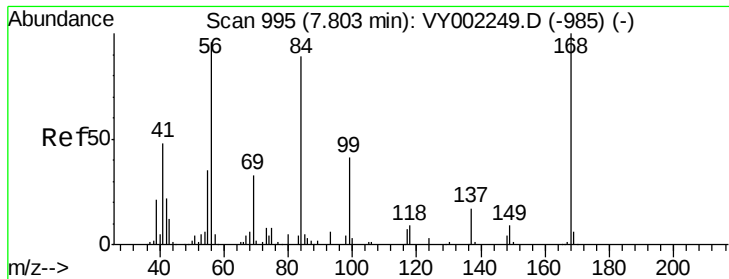
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002395.D
Acq On : 17 Apr 2020 13:44
Operator : SY/MD
Sample : L2271-03RE
Misc : 4.85G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:36:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



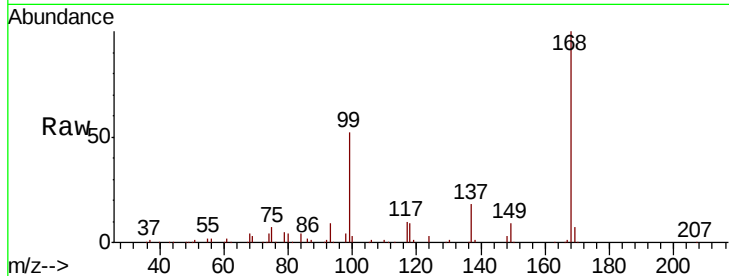


#1

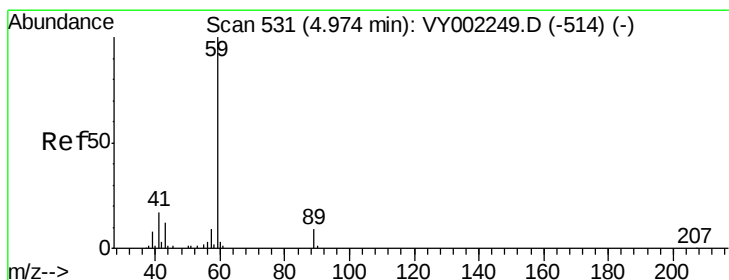
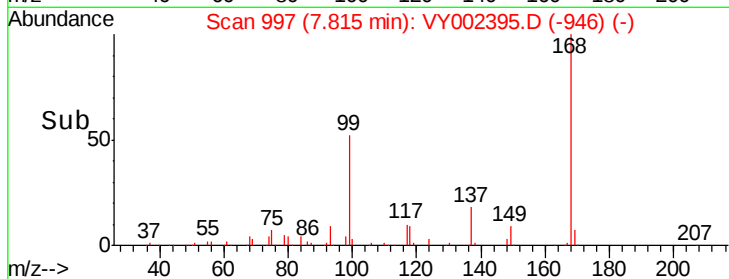
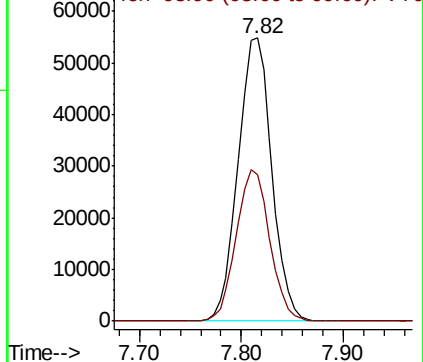
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 125781
 Ion Ratio Lower Upper
 168 100
 99 51.8 48.0 72.0



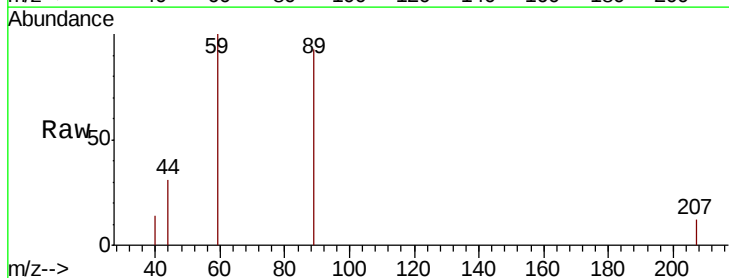
Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



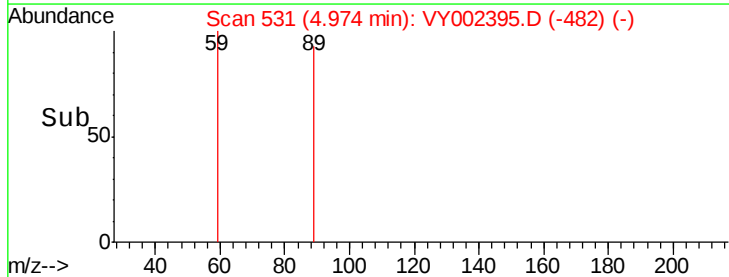
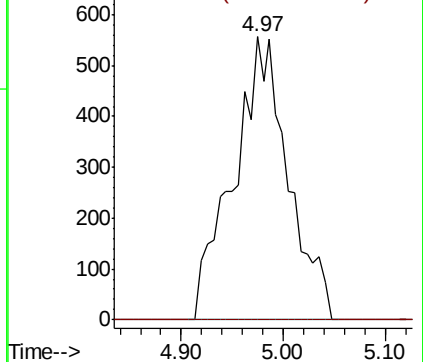
#11

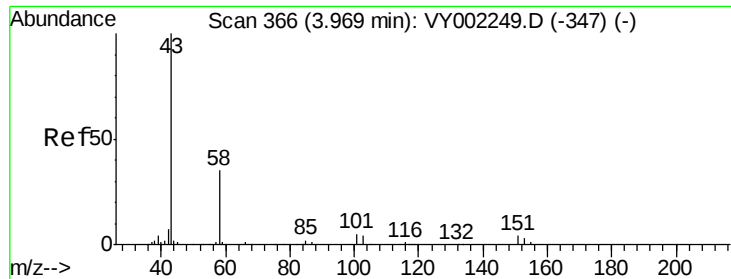
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

Tgt Ion: 59 Resp: 2085
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)
 Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)





#16

Acetone

Concen: 2.950 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

Instrument :

MSVOA_Y

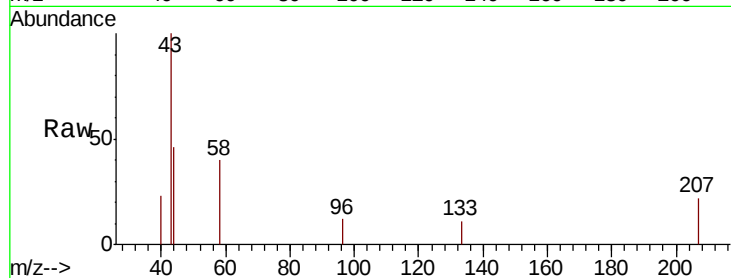
ClientSampled :

Tot Ion: 43 Resp: 1087

Ion Ratio Lower Upper

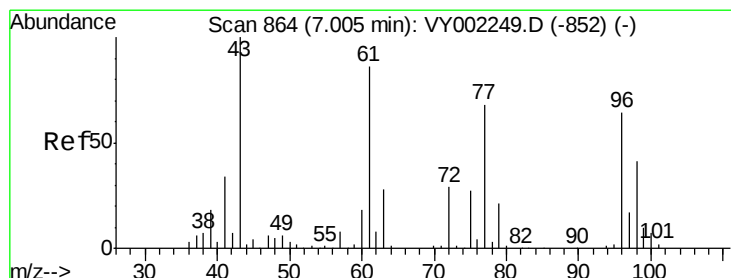
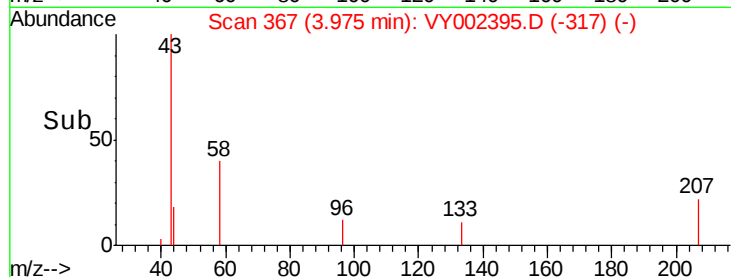
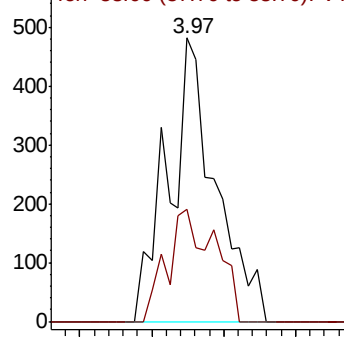
43 100

58 39.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 2.046 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002395.D

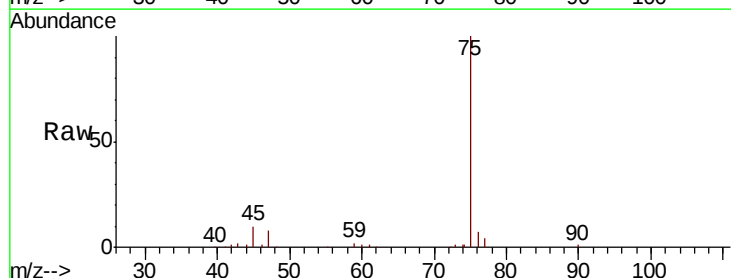
Acq: 17 Apr 2020 13:44

Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

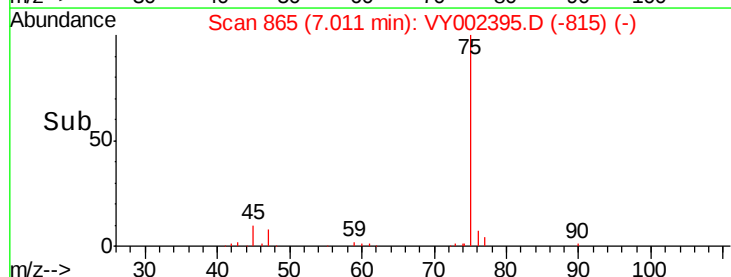
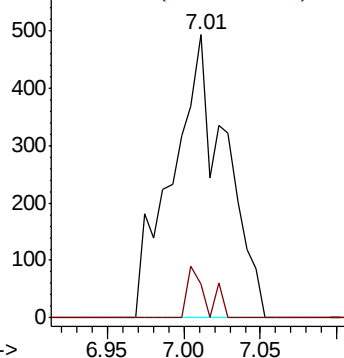
43 100

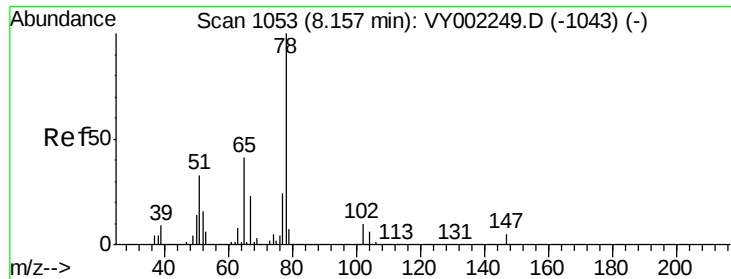
72 12.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

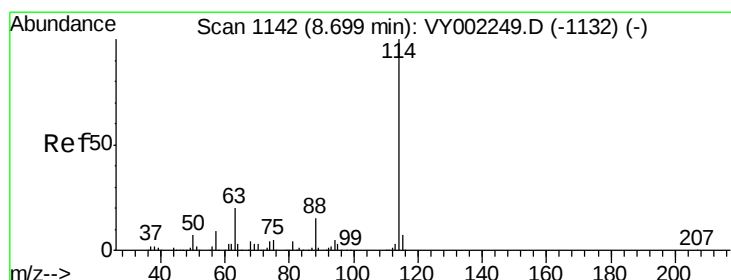
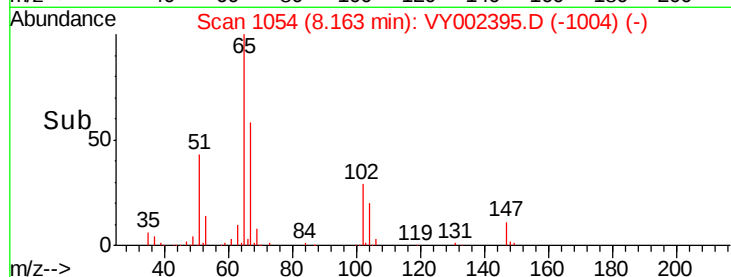
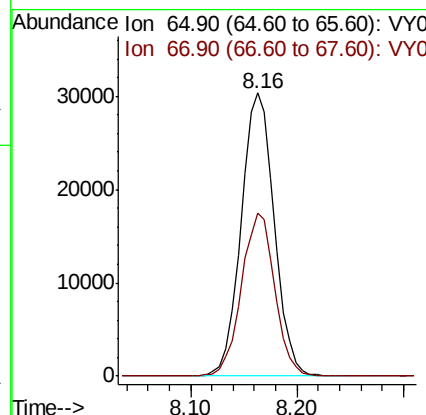
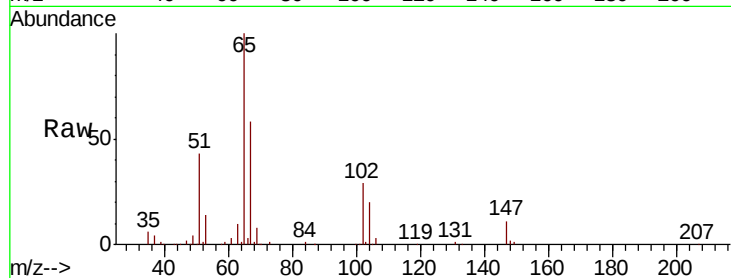




#33
 1,2-Dichloroethane-d4
 Concen: 47.290 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

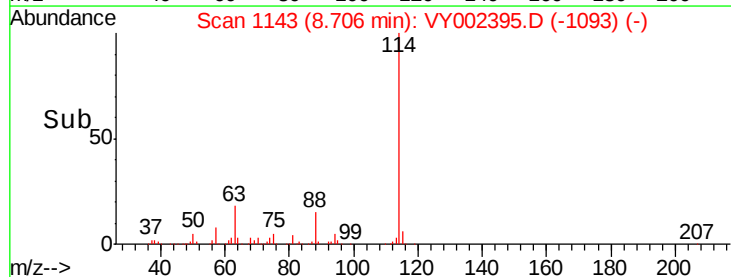
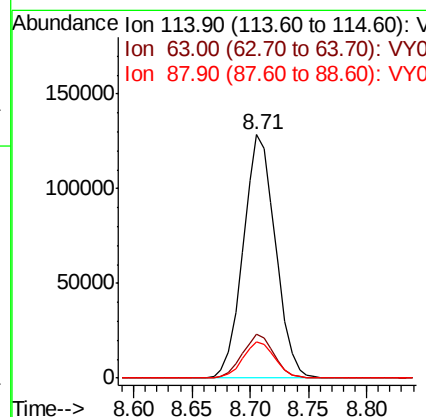
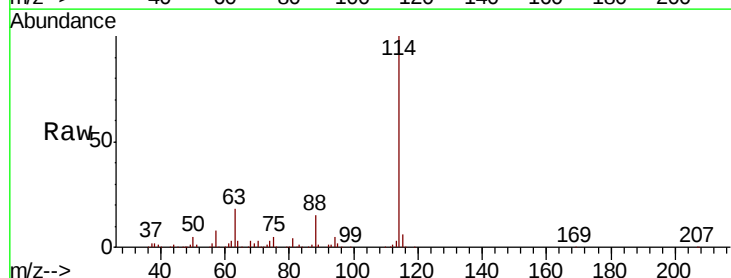
Instrument :
 MSVOA_Y
 ClientSampleId :

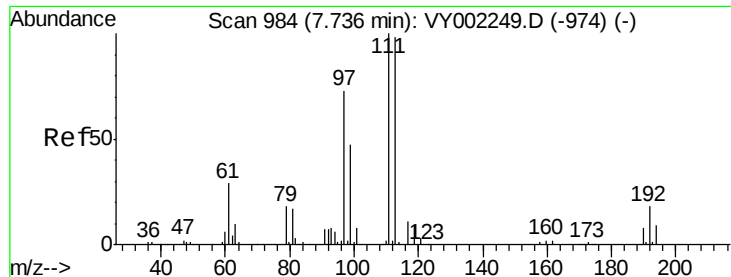
Tot Ion: 65 Resp: 66148
 Ion Ratio Lower Upper
 65 100
 67 57.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

Tgt Ion: 114 Resp: 247338
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.0
 88 15.0 0.0 31.0

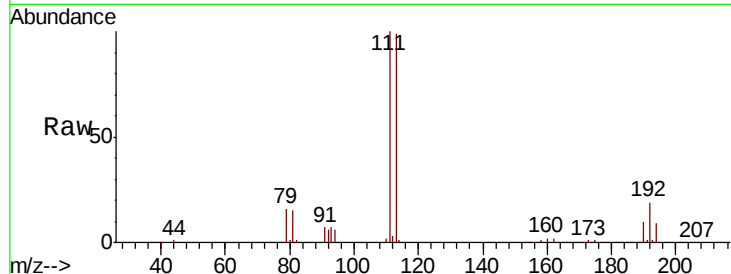




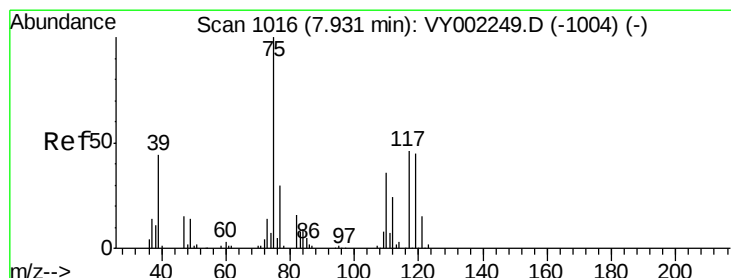
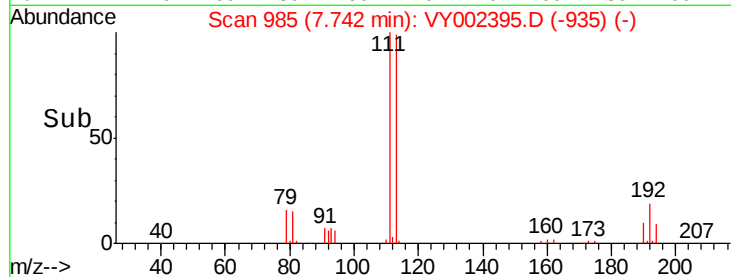
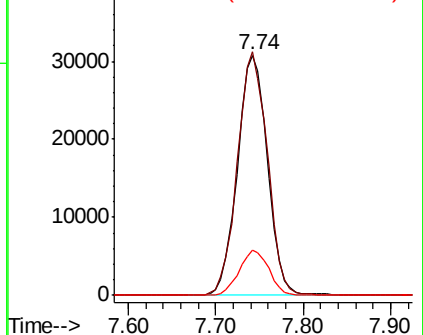
#35
 Dibromofluoromethane
 Concen: 49.821 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 73324
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 18.6 14.7 22.1

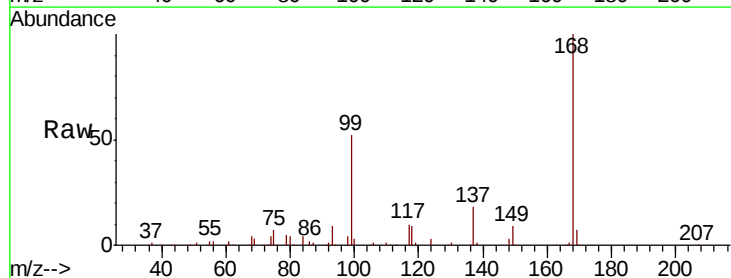


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

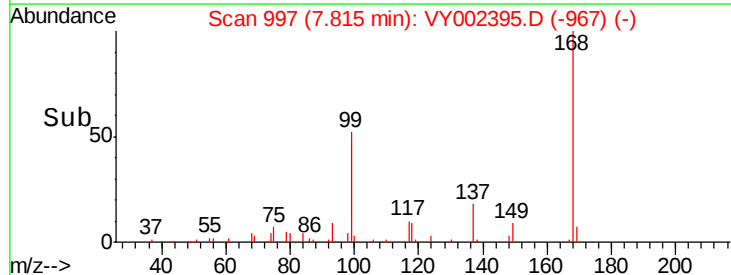
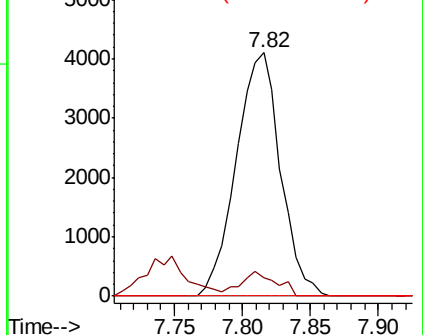


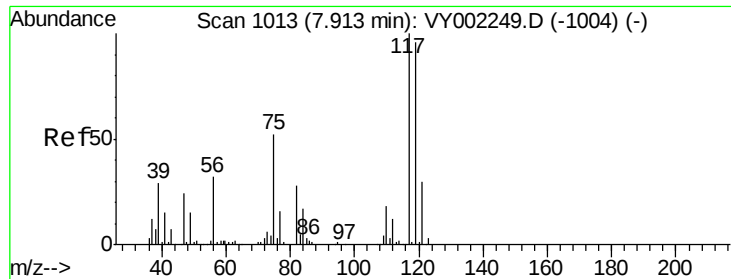
#36
 1,1-Dichloropropene
 Concen: 3.825 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002395.D
 Acq: 17 Apr 2020 13:44

Tgt Ion: 75 Resp: 9318
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.8 53.3#
 77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

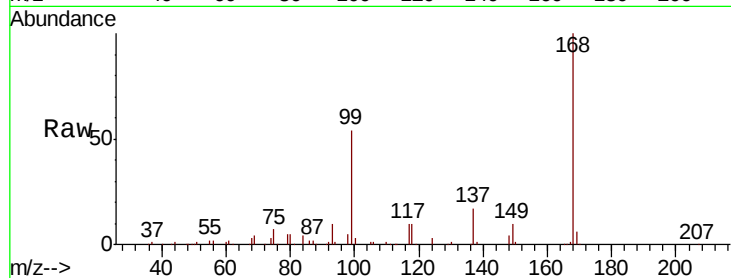




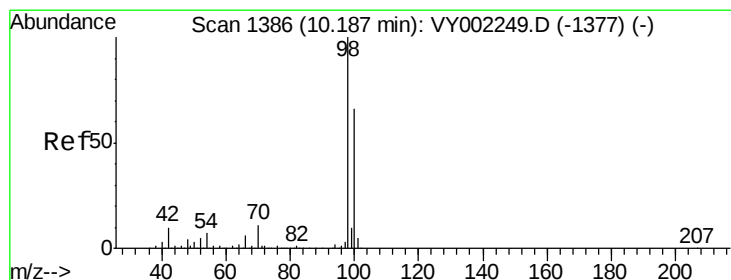
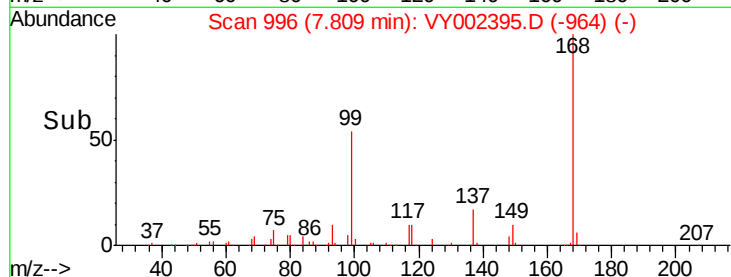
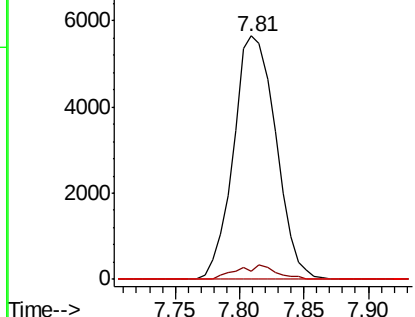
#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12890
Ion Ratio Lower Upper
117 100
119 3.5 77.1 115.7#
121 0.0 23.9 35.9#

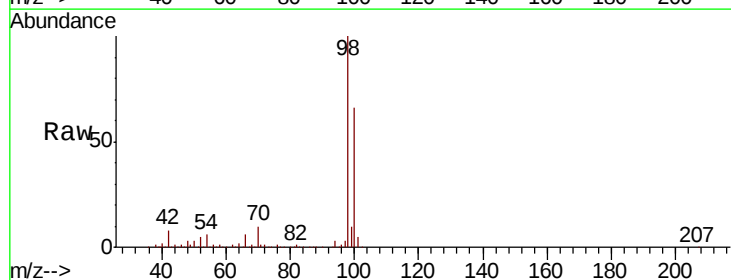


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

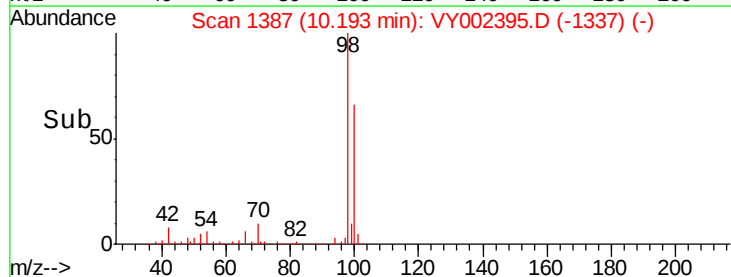
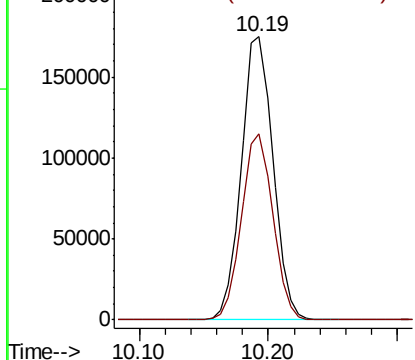


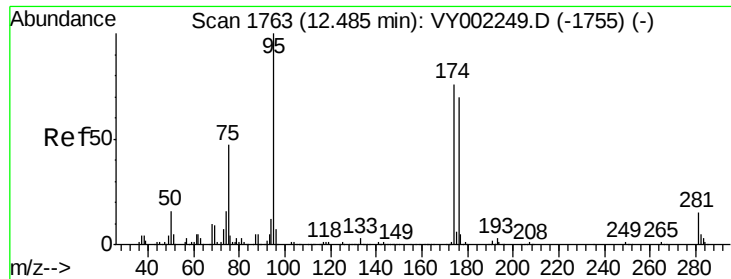
#50
Toluene-d8
Concen: 48.248 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Tgt Ion: 98 Resp: 297212
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

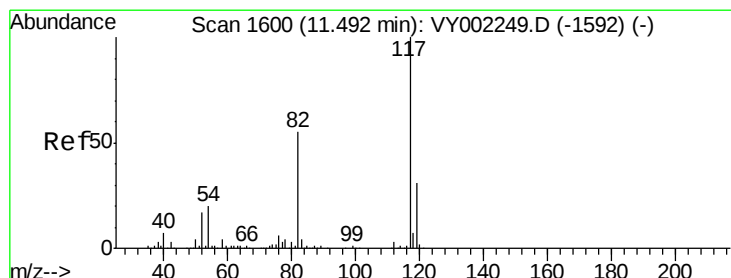
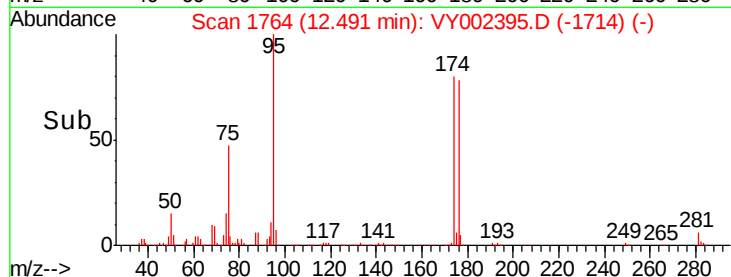
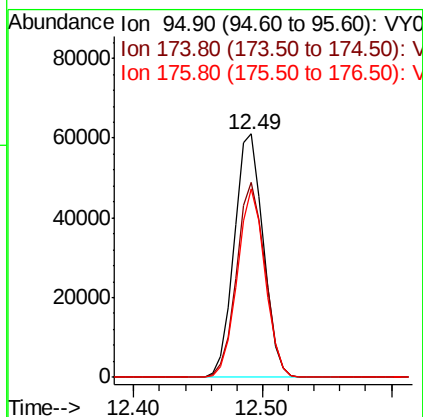
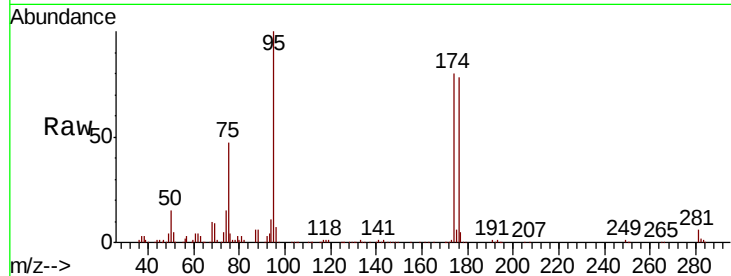




#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

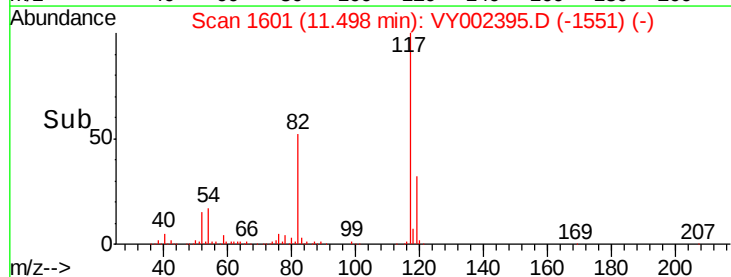
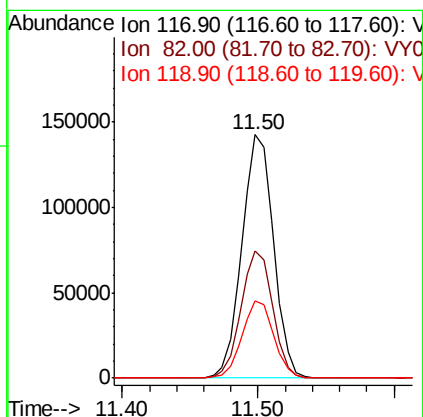
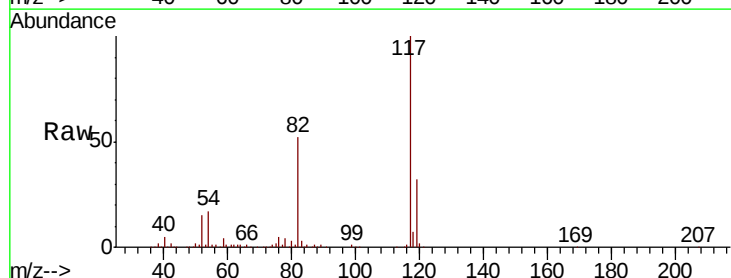
Instrument :
MSVOA_Y
ClientSampleId :

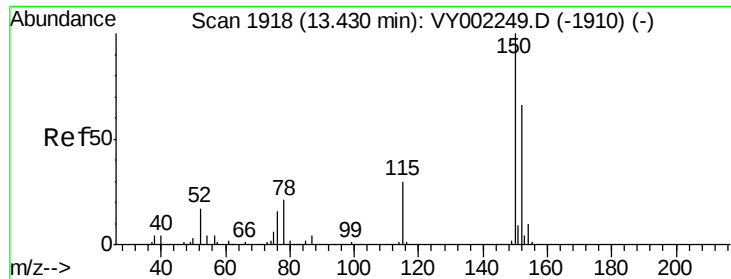
Tot Ion: 95 Resp: 95552
Ion Ratio Lower Upper
95 100
174 78.2 0.0 150.6
176 73.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Tgt Ion: 117 Resp: 231816
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.4
119 31.8 25.1 37.7



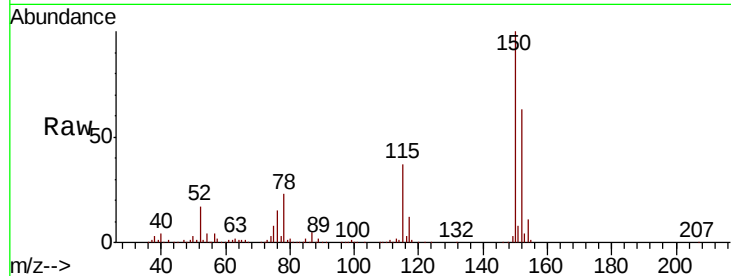


#72

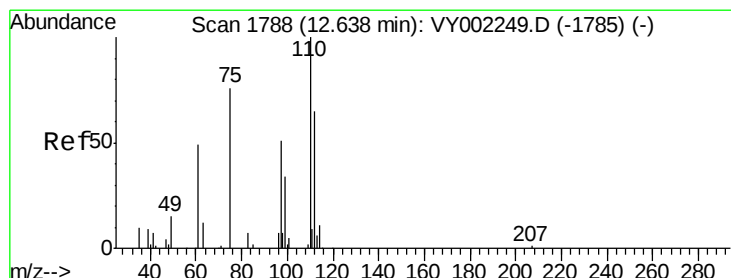
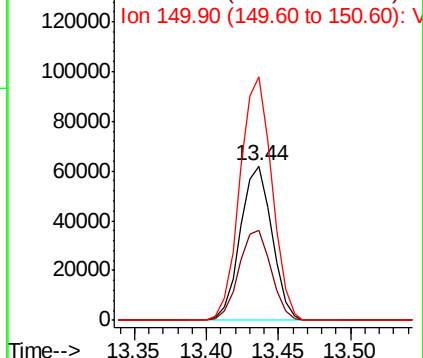
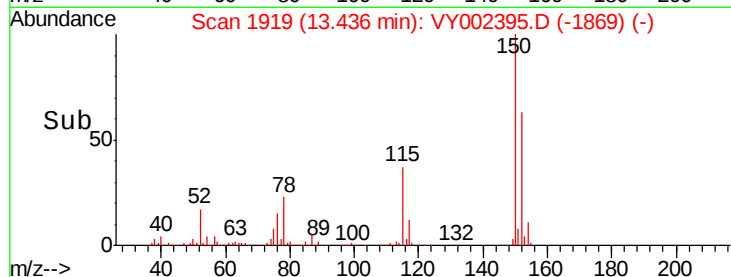
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 94604
Ion Ratio Lower Upper
152 100
115 59.7 30.7 92.1
150 159.6 0.0 350.6



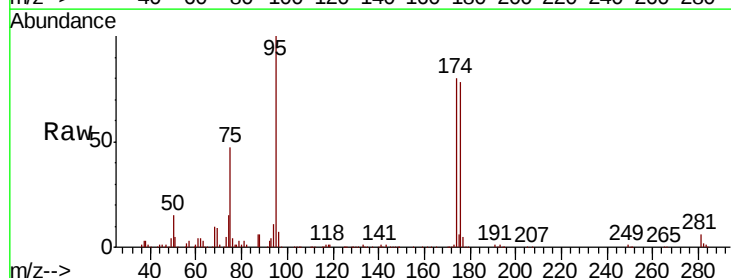
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



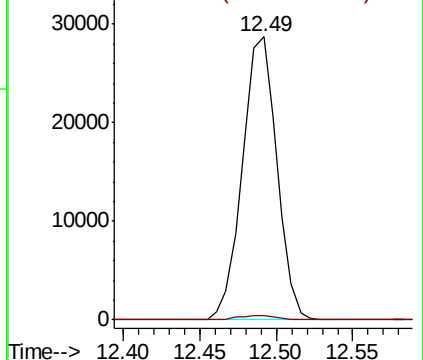
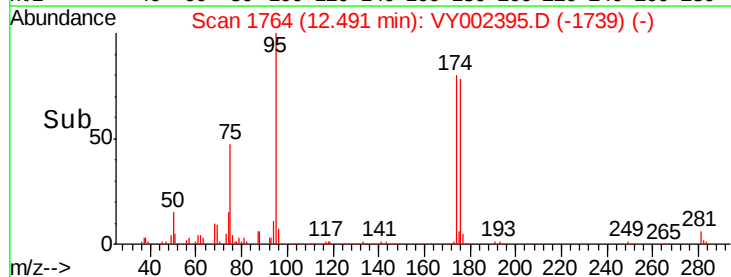
#76

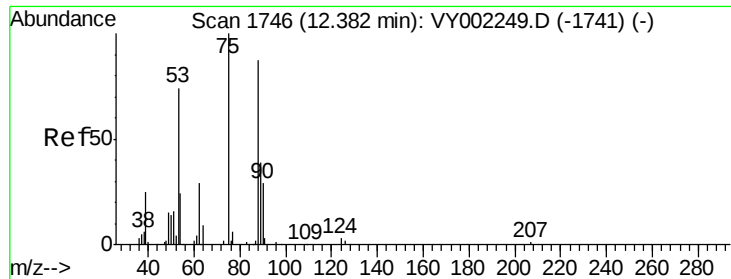
1,2,3-Trichloropropane
Concen: 41.000 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Tgt Ion: 75 Resp: 45041
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 79.744 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

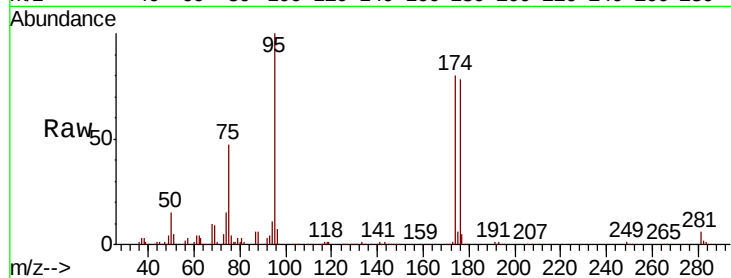
Tot Ion: 75 Resp: 45041

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

